

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

ROOS et al

Atty. Ref.: 2483-27

Serial No. to be assigned

Group: unknown

Filed: December 11, 2000

Examiner: unknown

For: APPARATUS AND METHOD FOR PROVISION OF A BROADBAND ACCESS
IN A TELECOMMUNICATION SYSTEM

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Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

In order to place the above-identified application in better condition for
examination, please amend the application as follows:

IN THE CLAIMS

Please cancel claims 1-7 without prejudice or disclaimer.

Please add new claims 8-14 as follows:

8. {NEW} An apparatus in a telecommunication system for providing access to
telecommunication services to subscribers at user terminals, each of which being separately
connected to at least one access point via high speed modems and a communication network,
the at least one access point comprising high speed modems with filters required, characterised
in that

the access point modems are arranged in a pool of a plurality of high speed modems;

the required access point filters connected to the access point modems are arranged in a
pool of a plurality of filters; and

a control means is adapted to control modems and filters during establishment of a

connection between the user terminals and the at least one access point whereby a connection for bi-directional high speed data transmission is created.

9. {NEW} An apparatus in a telecommunication system according to claim 8, characterised in that

an access means is provided with a second modem enabling initial installation with a control means to monitor the installation and establish a connection.

10. {NEW} An apparatus in a telecommunication system according to claim 9, characterised in that

the control means is adapted to retrieve subscriber information to individualise the established connection.

11. {NEW} An apparatus in a telecommunication system according to claim 8, characterised in that,

the pool of filters is connected directly to the station side of a first access node.

12. {NEW} An apparatus in a telecommunication system according to claim 8, characterised in that,

the pool of filters is connected in front of at least one line card connector of a second access node.

13. {NEW} An apparatus in a telecommunication system according to claim 8, characterised in that,

a management system is provided to process retrieved additional user information whereby the established connection can be adapted according to user specifications.

14. {NEW} A method in a telecommunication system for providing access to telecommunication services to subscribers at user terminals, each of which being separately

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connected to at least one access point via high speed modems and a communication network,
the at least one access point comprising high speed modems with filters required, characterised
by the steps of

transmission of a signal from an access means including user terminal identity to a
control means;

searching, by the control means, for an available connection path for the access means at
an access point;

creating, by the control means, a bi-directional high speed data transmission path
between the user terminal and the at least one access point; and

activating, by the control means, the transmission path between the user
terminal and the at least one access point.

REMARKS

The above amendments are made to place the claims in a more traditional format.

Respectfully submitted,
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December 11, 2000

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